



SHEET 1 OF 1

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
50335-051SERIAL NO.
10/815,686APPLICANT
Masae SASANO, et al.FILING DATE
April 02, 2004GROUP
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
SA		JP 8-257319	10-03-1997	MITSUBISHI ELECTRIC CORP		JAPAN (w/ English Abstract)	
I		JP 7-271727	10-20-1995	CANON INC		JAPAN (w/ English Abstract)	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
SA		The Japan Society of Mechanical Engineers, Handbook of Mechanical Engineering A5, p. 75 (Prandtl-Karman formula)
I		Carnavos, T. C., "Heat Transfer Performance of Internally Finned Tubes In Turbulent Flow," Heat Transfer Engineering, 1(4), pp. 32-37, 1980
		JSME S011, Method for Thermal Design of Heat Exchanger, p. 35, 1998 (Equation of JSME standard for tubes having spiral grooves)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.